IN THE CLAIMS

Please amend Claims 1-5 and 11-13, and add new Claims 14-29 as follows:

1. (Currently Amended) A computer ~~program product for managing AV/C descriptor data,~~ readable medium comprising instructions which, when executed:

compile a plurality of containers containing ~~AV/C~~ audio visual control descriptor data;

register one or more fields within each said container;

arrange said containers into a logical hierarchy; and

present the hierarchy to a device requesting data.

2. (Currently Amended) The computer ~~program product~~ readable medium of Claim 1, further comprising:

instructions for associating addresses with each of said fields sequentially enumerated within each of said containers.

3. (Currently Amended) The computer ~~program product~~ readable medium of Claim 2, further comprising instructions for mapping said fields to a prescribed field list.

4. (Currently Amended) The computer ~~program product~~ readable medium of Claim 3, further comprising instructions for:

accessing any field within any container independently of any other container; and

reading data from any field within any container without affecting the access to any other container.

5. (Currently Amended) The computer ~~program product~~ readable medium of Claim 4, wherein said plurality of containers comprise in combination an ~~AV/C~~ audio visual control general object list descriptor.

6. – 10. (Cancelled)

11. (Currently Amended) A ~~computer program product~~ storage device ~~for compiling an AV/C descriptor readable buffer from one or more data containers,~~ comprising:

a computer readable medium; and

instructions stored on said medium[[,]] which, when executed:

identify a top level data container containing ~~AV/C~~ audio visual control descriptor data;

initialize compilation attributes;

sequentially read the container data; and

copy said read data into a readable buffer.

12. (Currently Amended) The ~~method~~ storage device of Claim 11 wherein said initializing compilation attributes comprises in combination:

establishing a read buffer in a memory space and setting the read buffer offset to zero;

establishing a received address request as a starting address;

establishing a received read length request as a length sought.

13. (Currently Amended) The ~~method~~ storage device of Claim 12 wherein the sequentially reading container data activity includes searching for responsive data, said search initialized with said initialized attributes.

14. (New) The computer readable medium of Claim 1 wherein at least one of said plurality of containers comprises a direct representation of a data field in an audio visual control descriptor.

15. (New) The computer readable medium of Claim 14 wherein at least one of said plurality of containers comprises an alternate representation of a second audio visual control descriptor field.

16. (New) The computer readable medium of Claim 15 wherein at least one of said plurality of containers comprises information on how to produce a third audio visual control descriptor field.

17. (New) The computer readable medium of Claim 1, further comprising an instruction, which, when executed:

recompiles said plurality of containers containing audio visual control descriptor data into a format compliant with the AV/C General specification.

18. (New) The storage device medium of Claim 11, wherein said act of sequentially reading said container data includes recursively searching for responsive data, said recursive search initialized with said initialized compilation attributes.

19. (New) A method of providing information about a device and its media content, the method comprising:

reading at least one data descriptor from a media controller;

providing an open access to said at least one data descriptor to allow for both read and write privileges; and

utilizing an access control mechanism to control simultaneous change requests to modify said at least one data descriptor;

wherein said at least one data descriptor is arranged in a hierarchical format so that each node in the hierarchical format is accessed as a unit independent of its children.

20. (New) The method of Claim 19, wherein said act of providing an open access to said at least one data descriptor modifies access to a parent node and its child nodes.

21. (New) The method of Claim 19, wherein said at least one data descriptor further comprises an address space that describes the type of data descriptor access granted to said at least one data descriptor.

22. (New) A computer readable medium comprising instructions which, when executed:

compile a plurality of containers containing audio visual control descriptor data;

register one or more fields within each said container;

arrange said containers into a logical hierarchy; and

present the hierarchy to a device requesting data;

wherein said plurality of containers, in combination, comprise an audio visual control general descriptor compliant with the AV/C general specification.

23. (New) A method of providing information about a device and its media content, the method comprising:

reading at least one data descriptor associated with a media controller;

providing access to said at least one data descriptor to allow for both read and write privileges; and

utilizing an access control mechanism to control simultaneous change requests to modify said at least one data descriptor;

wherein said at least one data descriptor is arranged in a substantially hierarchical format and configured so that each node in the hierarchical format is accessed as a unit substantially independent of any of its children.

24. (New) The method of Claim 23, wherein said act of providing access to said at least one data descriptor comprises modifying access to a parent node and at least one of its child nodes.

25. (New) The method of Claim 23, wherein said at least one data descriptor further comprises an address space that describes the type of data descriptor access granted to said at least one data descriptor.

26. (New) A storage device comprising a computer readable medium comprising instructions which, when executed on a computer system:

compile a plurality of containers containing media control descriptor data;

arrange said containers into a logical hierarchy; and

present the hierarchy to a device requesting data;

wherein at least one of said plurality of containers comprises a representation of a data field in an audio visual control descriptor.

27. (New) The storage device of Claim 26, wherein at least one of said plurality of containers comprises an alternate representation of a second audio visual control descriptor field.

28. (New) The storage device of Claim 26, further comprising at least one instruction which when executed recompiles said plurality of containers containing audio visual control descriptor data into a format compliant with the AV/C General specification.

29. (New) The storage device of Claim 26, further comprising instructions which when executed:

identify a top level data container containing audio visual control descriptor data;

initialize one or more compilation attributes;

read the container data; and

copy said read container data into a readable storage area.